

Linear Low Density Polyethylene LL0640AA / LL0640KJ

Typical properties	Test method (ASTM)	Unit	Value
Resin			
MFI@190°C, 2.16 kg	D1238	gr/10min	4
Density	D2839	gr/ml	0.929
Film *			
Tensile Strength @Yield ,MD/TD	D638	Mpa	12/12
Elongation @Break, MD/TD	D638	%	600/810
Tensile Strength @ Break, MD/TD	D688	Mpa	33/25
Haze	D1003	%	2
Gloss (45°)	D2457	Rating	87

^{3/4} Values shown are averages & are not to be considered as product specifications.

* 40 microns, Film Cast at 75 m/min, 240°C

MD=Machine Direction, TD=Transverse Direction

Main application & Characteristics

LL0640AA & LL0640KJ are linear low density polyethylene copolymers containing butene-1 as a co-monomer.

LL0640AA & LL0640KJ have been specially designed for the production of high quality cast films, such as display packaging, bubble film and non cling layer for stretch film.

LL0640AA & LL0640KJ have the following advantages:

- High melt flow rate for high output cast extrusion.
- Excellent combination of strengths and stiffness.
- High gloss and clarity.

If corona treatment is necessary, the level should normally be in the range 38-48 mN/m.

Melt temperature range in the cast process are normally 220oC-260oC and in lean blends for blown film are 160oC-215oC.

LL0640AA & LL0640KJ should be stored in the dry condition below the 50oC and avoided from the exposure of direct sunlight.

* **LL0640AA & LL0640KJ** are suitable for food contact.

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